

Appendix F – Livestock Grazing Management

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F.1 Rangeland Health Standards and Livestock Grazing Management Guidelines for Central California

For efficiency the complete text of the Record of Decision for the Rangeland Health Standards and Livestock Grazing Management Guidelines for Central California (BLM, 1999) has been removed from this Appendix. Copies of this document are available in Appendix F (F-1) of the Draft Bakersfield Resource Management Plan and Draft Environmental Impact Statement (BLM, 2011) and online at:

http://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=2&ved=0CDkQFjAB&url=http%3A%2F%2Fwww.blm.gov%2Fpdata%2Fetc%2Fmedialib%2F%2Fblm%2Fca%2Fpdf%2Fpdfs%2Fcaso_pdfs.P ar.84e7fdd8.File.pdf%2FCentral-Grazing.pdf&ei=rUucT-7MAYOLiALM27WLAQ&usg=AFQjCNGTyvPnahdbIUqi4tgygpqIDQgZDw.

F.2 Guidelines for Livestock Grazing Management in Bakersfield FO by Alternative

Specific Local Livestock Management Guidelines – Alternative A

Local guidelines were established to describe the types of livestock grazing management actions that are appropriate and commonly applied within the Bakersfield FO to ensure that the resource objectives and the standards for rangeland and ecosystem health could be met while authorizing livestock grazing. These local guidelines correlate with the Central California Guidelines for Livestock Grazing Management but are generally more specific or more stringent. Applying these guidelines to appropriate grazing allotments occurs with consultation of affected grazing lessees/permittees. These guidelines are incorporated into the terms and conditions of each authorization, as appropriate.

ALLOTMENT LOCATION	SPECIFIC RESOURCE	GUIDELINE
Within San Joaquin Valley listed species habitat as shown on map.	Mulch readiness	500 pounds per acre and two inches of green growth, or 700 pounds per acre without green growth.
	Mulch threshold	500 pounds per acre
	Saltbush scrub	December 1-May 31 season of use <u>or</u> meets form class, foliage density, and reproductive uniformity criteria.
Riparian areas as shown on implementation table.	Poor to fair condition	November 1-May 31 season of use and apply the Central California Guidelines for Livestock Grazing Management.
	Good to excellent condition	Maintain current season of use and apply the Central California Guidelines for Livestock Grazing Management.
Known population of California jewelflower (<i>Caulanthus californicus</i>)		No grazing unless in approved study or research shows grazing beneficial.

ALLOTMENT LOCATION	SPECIFIC RESOURCE	GUIDELINE
High potential habitat for California jewelflower (<i>Caulanthus californicus</i>)		No grazing during critical flowering period February 15- April 30.
Known population of San Joaquin woolly threads (<i>Monolopia congdonii</i>)		No grazing unless approved study or research shows grazing beneficial. Grazing may be allowed outside a study with USFWS approval.
Known population of Kern mallow (<i>Eremalche kernensis</i>)		No grazing unless in approved study or research shows grazing not detrimental.
Known population of Hoover's woolly star (<i>Eriastrum hooveri</i>)		No special restrictions.
Known occurrence of GKR (Giant Kangaroo Rat) as shown on implementation table.		No grazing during haystacking (April 1- June 15) in certain years.
If other species become listed		Prescription that takes into account specific species requirements.

Specific Local Livestock Management Guidelines – Alternative B and E

Local guidelines were established to describe the types of livestock grazing management actions that are appropriate and commonly applied within the Bakersfield FO to ensure that the resource objectives and the standards for rangeland and ecosystem health could be met while authorizing livestock grazing. These local guidelines correlate with the Central California Guidelines for Livestock Grazing Management but are generally more specific or more stringent. Applying these guidelines to appropriate grazing allotments occurs with consultation of affected grazing lessees/permittees. These guidelines are incorporated into the terms and conditions of each authorization, as appropriate.

ALLOTMENT LOCATION	SPECIFIC RESOURCE	GUIDELINE
Within San Joaquin Valley listed species habitat.	Mulch Readiness	500 lbs/ac. and 2" green growth, or 700 lbs/ac. without green growth.
	Mulch Threshold	500 lbs/ac.
	Saltbush Scrub	Dec.1-May 31 season of use or meets form class, foliage density, and reproductive uniformity criteria.
Riparian areas.	Poor-Fair condition	Nov.1-May 31 season of use and apply the appropriate Central CA Guidelines for Livestock Grazing Management as needed to meet the Standards of Rangeland Health.
	Good-Excellent condition	Maintain current season of use and apply the appropriate Central CA Guidelines for Livestock Grazing Management as needed to meet the Standards of Rangeland Health.
Known population ⁴ of California jewelflower, <i>Caulanthus californicus</i> .		No grazing unless in approved study or research show grazing beneficial.
Known population of San Joaquin woolly threads, <i>Monolopia congdonii</i> .		Apply the appropriate Central CA Guidelines for Livestock Grazing Management as needed to meet the Standards of Rangeland Health.
Known population of Kern mallow, <i>Eremalche kernensis</i> .		No grazing unless in approved study or research shows grazing beneficial.
Known population of Hoover's woolly star, <i>Eriastrum hooveri</i> .		Apply the appropriate Central CA Guidelines for Livestock Grazing Management as needed to meet the Standards of Rangeland Health.
Known population of Shevock's monkeyflower, <i>Mimulus shevockii</i> .		No grazing.

⁴ For the purposes of applying the livestock management guidelines, known occupied habitats and/or known populations are areas containing the species of concern. On a case-by-case basis and dependent on the specific needs of the species, in addition to the area containing the species of concern, the guideline may also be applied to adjacent areas that are determined to 1) have similar habitat characteristics and are likely to contain the species, or 2) directly influence or affect the habitat conditions in the area containing the species. For example, an annual plant may be known to exist on 10 acres. The adjacent 40 acres has similar habitat characteristics, and even though the plant has not been documented from the adjacent 40 acres, it is expected to occur on the 40 acres. In this case, the management guideline for that species would be applied to all 50 acres. Furthermore, the 80 acres in the watershed above the known population may also have the specific management guideline applied if the grazing use of those 80 acres is expected to directly influence the 10 acre existing population or the habitat suitability of the adjacent 40 acres.

ALLOTMENT LOCATION	SPECIFIC RESOURCE	GUIDELINE
Known occurrence of Kern primrose sphinx moth.		No grazing.
Known occurrence of Tehachapi slender salamander.		Apply the appropriate Central CA Guidelines for Livestock Grazing Management as needed to meet the Standards of Rangeland Health.
Other special status species;		Apply the appropriate Central CA Guidelines for Livestock Grazing Management as needed to meet the Standards of Rangeland Health and/or develop a management guideline that takes into account specific species requirements.

Specific Local Livestock Management Guidelines – Alternative C

Local guidelines were established to describe the types of livestock grazing management actions that are appropriate and commonly applied within the Bakersfield FO to ensure that the resource objectives and the standards for rangeland and ecosystem health could be met while authorizing livestock grazing. These local guidelines correlate with the Central California Guidelines for Livestock Grazing Management but are generally more specific or more stringent. Applying these guidelines to appropriate grazing allotments occurs with consultation of affected grazing lessees/permittees. These guidelines are incorporated into the terms and conditions of each authorization, as appropriate.

ALLOTMENT LOCATION	SPECIFIC RESOURCE	GUIDELINE
Within San Joaquin Valley listed species habitat.	Mulch Readiness	500 lbs/ac. and 2" green growth, or 700 lbs/ac. without green growth.
	Mulch Threshold	500 lbs/ac.
	Saltbush Scrub	Dec.1-May 31 season of use or meets form class, foliage density, and reproductive uniformity criteria.
Riparian areas.	Poor-Fair condition	No grazing. Use exclusionary fencing if necessary.
	Good-Excellent condition	No grazing. Use exclusionary fencing if necessary.
Known population ⁵ of California jewelflower, <i>Caulanthus californicus</i>		No grazing unless in approved study or research show grazing beneficial.
Known population of San Joaquin woolly threads, <i>Monolopia congonii</i>		Apply the appropriate Central CA Guidelines for Livestock Grazing Management as needed to meet the Standards of Rangeland Health.
Known population of Kern mallow, <i>Eremalche kernensis</i>		No grazing unless in approved study or research shows grazing beneficial.
Known population of Hoover's woolly star, <i>Eriastrum hooveri</i>		Apply the appropriate Central CA Guidelines for Livestock Grazing Management as needed to meet the Standards of Rangeland Health.
Known population of Shevock's monkeyflower, <i>Mimulus shevockii</i> .		No grazing.
Known occurrence of Kern primrose sphinx moth		No grazing.
Known occurrence of Tehachapi slender salamander		No grazing.

⁵ For the purposes of applying the livestock management guidelines, known occupied habitats and/or known populations are areas containing the species of concern. On a case-by-case basis and dependent on the specific needs of the species, in addition to the area containing the species of concern, the guideline may also be applied to adjacent areas that are determined to 1) have similar habitat characteristics and are likely to contain the species, or 2) directly influence or affect the habitat conditions in the area containing the species. For example, an annual plant may be known to exist on 10 acres. The adjacent 40 acres has similar habitat characteristics, and even though the plant has not been documented from the adjacent 40 acres, it is expected to occur on the 40 acres. In this case, the management guideline for that species would be applied to all 50 acres. Furthermore, the 80 acres in the watershed above the known population may also have the specific management guideline applied if the grazing use of those 80 acres is expected to directly influence the 10 acre existing population or the habitat suitability of the adjacent 40 acres.

ALLOTMENT LOCATION	SPECIFIC RESOURCE	GUIDELINE
Other special status species		Apply the appropriate Central CA Guidelines for Livestock Grazing Management as needed to meet the Standards of Rangeland Health and/or develop a management guideline that takes into account specific species requirements.

F.3 Rangeland Health Assessment Form for the Bakersfield FO

ASSESSMENT OF RANGELAND HEALTH STANDARDS, CONTRIBUTING FACTORS AND APPROPRIATE ACTIONS

THIS FORM DOCUMENTS, FOR THE INDICATED AREA: (1) DETERMINATIONS AND SUPPORTING RATIONALE REGARDING IF FUNDAMENTAL RANGELAND HEALTH CONDITIONS CITED IN 43 CFR 4180.1 EXIST IN THESE AREAS; (2) DETERMINATIONS, IN CASES WHERE ONE OR MORE CONDITIONS OF FUNDAMENTAL RANGELAND HEALTH DO EXIST, REGARDING THE STANDARDS THAT ARE/ ARE NOT ACHIEVED; (3) DETERMINATIONS, IN THOSE CASES WHERE ONE OR MORE STANDARDS ARE NOT ACHIEVED, REGARDING THE CONTRIBUTING FACTOR(S) THAT IS (ARE) PREVENTING STANDARD(S) ACHIEVEMENT OR IS (ARE) PREVENTING SIGNIFICANT PROGRESS TOWARDS ITS (THEIR) ACHIEVEMENT; AND, (4) THE INFORMATION THAT WAS EXAMINED THAT SUPPORT THESE DETERMINATIONS.

Indicate the date(s) or period the assessment occurred: _____

Authorized season of use: _____

IDENTIFICATION OF RELEVANT AREA:

Describe and indicate the area where these determinations and rationale apply:

Landscape (identify by planning area, groups of management units, or by watershed):

Management Unit (allotment or pasture - list name / no. / acres):

Stratification (Specific area of Management Unit with unique resources where assessment is applicable):

Rationale for choosing Stratification and Key Species: _____

Approximate size in acres and % of Management Unit (allot or pasture) or linear length if lotic riparian:

Number of Strata for this management unit _____

BLM STAFF PARTICIPANTS:

NAMES

POSITION

Rangeland Management Specialist

Wildlife Biologist

Botanist

DOCUMENTATION OF THE INVOLVEMENT OF PERMITTEES, STATE AGENCIES AND THE INTERESTED PUBLIC IN MAKING STANDARDS CONFORMANCE AND CONTRIBUTING FACTORS DETERMINATIONS

Indicate the occurrence of public participation (e.g. permittee, interested public, other Federal or State /local agency), or opportunities for public participation that pertains to the review of standards achievement and contributing factors (who, when, and conversation or meeting summary):

SUMMARY OF STANDARDS ACHIEVEMENT DETERMINATION AND RATIONALE

As of the date of the completion of this form, a field examination of the information listed above indicated the following with regard to standards achievement for the area identified:

<u>Standard</u>	<u>Determination on Standard Achievement</u> (check appropriate box for each standard)
Soils	<input type="checkbox"/> Met / <input type="checkbox"/> Not met, but progressing towards / <input type="checkbox"/> Not met and not progressing towards / <input type="checkbox"/> N/A Rationale: _____ _____ _____ Magnitude: Acres not meeting: _____ % allot.: _____ % pasture: _____ Are livestock a significant factor: Yes/ No. Explain or summarize other contributing factors: _____ _____
Species	<input type="checkbox"/> Met / <input type="checkbox"/> Not met, but progressing towards / <input type="checkbox"/> Not met and not progressing towards / <input type="checkbox"/> N/A Rationale: _____ _____ _____ Magnitude: Acres not meeting: _____ % allot.: _____ % pasture: _____ Are livestock a significant factor: Yes/ No. Explain or summarize other contributing factors: _____ _____
Riparian	<input type="checkbox"/> Met / <input type="checkbox"/> Not met, but progressing towards / <input type="checkbox"/> Not met and not progressing towards / <input type="checkbox"/> N/A Rationale: _____ _____ _____ Magnitude: Acres not meeting: _____ % allot.: _____ % pasture: _____ Are livestock a significant factor: Yes/ No. Explain or summarize other contributing factors: _____ _____
Water Quality	<input type="checkbox"/> Met / <input type="checkbox"/> Not met, but progressing towards / <input type="checkbox"/> Not met and not progressing towards / <input type="checkbox"/> N/A Rationale: _____ _____ _____ Magnitude: Acres not meeting: _____ % allot.: _____ % pasture: _____ Are livestock a significant factor: Yes/ No. Explain or summarize other contributing factors: _____ _____
Management Recommendations/ Rationale: _____ _____ _____ _____ _____	
I concur with this determination and the management recommendations provided. Field Office Manager: _____ Date: _____	

STANDARDS ASSESSMENT BASE INFORMATION**STANDARD: SOILS**

Soils exhibit functional biological and physical characteristics that are appropriate to soil type, climate, and landform.

Meaning That: Precipitation is able to enter the soil surface at appropriate rates; the soil is adequately protected against accelerated erosion; and the soil fertility is maintained at appropriate levels.

Site Data: Soil Map Unit: _____ Soil Description: _____

STANDARD: SPECIES

Healthy, productive and diverse populations of native species, including special status species (Federal T&E, Federal proposed, Federal candidates, BLM sensitive, or Calif. State T&E) are maintained or enhanced where appropriate.

Meaning That: Native and other desirable plant and animals are diverse, vigorous, able to reproduce and support the hydrologic cycle, nutrient cycles and energy flows over space and time.

Plant Community(ies): (Holland) _____

CWHR Habitat/Stage: _____

Indicator Species: _____

Key Species Management Area?: _____

Habitat Elements Considered: _____

Focused Studies:(ongoing? needed?) _____

STANDARD: RIPARIAN

Riparian/wetland vegetation, structure and diversity and stream channels and floodplains are, or are making significant progress toward, functioning properly and achieving an advanced ecological status.

Meaning That: The vegetation and soils interact to capture and pass sediment, sustain infiltration, maintain the water table, stabilize the channel, sustain high water quality, and promote biodiversity appropriate to soils, climate, and landform.

Stream Habitat Community: _____

Ecological/Seral Stages: _____

STANDARD: WATER QUALITY

Surface and groundwater quality complies with California, or other appropriate (e.g. Nevada or Tribal) water quality standards.

Meaning That: BLM actions do not contribute to pollution that violates the quantitative or narrative standards of the California and Nevada water quality standards (WQS). Approved Best Management Practices (BMPs) are used to protect water quality or restore water quality to water bodies not fully supporting designated beneficial uses, e.g., water quality limited segments. Surface and groundwater complies with objectives of the Clean Water Act and other applicable water quality requirements, including meeting the State standards within the respective boundaries of the States of California and Nevada.

Watershed: _____ CWA 303(d) impaired water body: Yes/ No

CURRENT CLIMATIC CONDITIONS:

Description of resources/ Rationale for Determination	Standard Indicator	Applicable Standards (un-shaded) and Determination (write Met; Not met; N/A)			
		Soils	Species	Riparian	Water Quality
Describe ground cover: Bare Ground _____% Herbs _____% Shrubs _____% Trees _____% Other _____%	Is ground cover (vegetation and other ground cover such as rock) sufficient to protect sites from accelerated erosion?				
Is organic matter level acceptable? Yes/No _____% cover litter/RDM Estimated lbs/ac _____ _____% cover live plants Heavy materials present in uplands? Yes/No N/A In riparian? Yes/No N/A	Is adequate organic matter (litter/RDM & standing plant material) evident in sufficient amounts to protect the soil surface and replenish soil nutrients through decomposition?				
Dom Cover spp: _____ 2nd: _____ Roots: Throughout; absent portions; one	Are a diversity of plant species, with a variety rooting depths present?				
(see Table 4-1 <u>Rangeland Health</u>) Soil movement C1 C2 C3 C4 C5 Surface/litter C1 C2 C3 C4 C5 Pedestaling C1 C2 C3 C4 C5 Flow patterns C1 C2 C3 C4 C5 Rills/Gullies C1 C2 C3 C4 C5	Is there minimal evidence of accelerated erosion in the form of rills, gullies, pedestaling of plants or rocks, flow patterns, physical soil crusts/ surface sealing, or compaction layers below the soil surface?				
Cryptogams _____% cover Variety: One Several Intact/ Fragmented	Are biological (microphytic, cryptogamic) soil crusts in place where appropriate and not excessively fragmented?				
Desired or priority plant communities and habitats present:	Where appropriate, does species composition contribute to desired or priority plant community objectives?				

Description of resources/ Rationale for Determination	Standard Indicator	Applicable Standards (un-shaded) and Determination (write Met; Not met; N/A)			
		Soils	Species	Riparian	Water Quality
<p>PERENNIAL VEG:</p> <p>Spp: _____ : Even distribution; Seedlings/young missing; Mostly old/decadent Describe structure:</p> <p>Spp: _____ : Even distribution; Seedlings/young missing; Mostly old/decadent Describe structure:</p> <p>Spp: _____ : Even distribution; Seedlings/young missing; Mostly old/decadent Describe structure:</p> <p>RIPARIAN VEG:</p> <p>Spp: _____ : Even distribution; Seedlings/young missing; Mostly old/decadent Describe structure:</p> <p>Spp: _____ : Even distribution; Seedlings/young missing; Mostly old/decadent Describe structure:</p>	Is age-class and structure of woody/ riparian/ or perennial vegetation diverse and appropriate for the site?				
<p>VIGOR: (Good=growing/reproducing, Fair=Not uniform/consistent, Poor=most stunted Spp: _____ Good Fair Poor Why?</p> <p>Spp: _____ Good Fair Poor Why?</p> <p>Spp: _____ Good Fair Poor Why?</p> <p>FORM:(Good=normal, Fair=developing abnormal, Poor=Most in abnormal) Spp: _____ Good Fair Poor Why?</p> <p>Spp: _____ Good Fair Poor Why?</p> <p>Spp: _____ Good Fair Poor Why?</p>	Is plant vigor adequate to maintain desirable plants and ensure reproduction and recruitment of plants when favorable climatic events occur?				

Description of resources/ Rationale for Determination	Standard Indicator	Applicable Standards (un-shaded) and Determination (write Met; Not met; N/A)			
		Soils	Species	Riparian	Water Quality
Describe distribution of plant species and habitats: (Well distributed; becoming fragmented; clumped with many bare areas) Spp: _____ Even/ Fragmented/ Clumped Spp: _____ Even/ Fragmented/ Clumped Spp: _____ Even/ Fragmented/ Clumped	Does the spatial distribution and cover of plant species and their habitats allow for reproduction and recovery from localized catastrophic events?				
Describe germination microsites for key species: Present across area; Degraded microsites; Germination/seedlings inhibited	Are germination microsites for key species present?				
Natural disturbances noted:	Is appropriate. natural disturbance evident?				
Any non-native plants?: Spp: _____ Acceptable? Yes No Spp: _____ Acceptable? Yes No	Are levels of non-native plants and animals at acceptable levels?				
Any noxious/ invasive weeds? Spp: _____ % Cover _____ Spp: _____ % Cover _____	Are noxious and invasive species at acceptable levels?				
Any special status species? SSS: _____ Up/ Down/ Stable ? Habitat: Good/ Fair/ Poor Connected: Yes/ No Why? SSS: _____ Up/ Down/ Stable ? Habitat :Good/ Fair/ Poor Connected: Yes/ No Why? SSS: _____ Up/ Down/ Stable ? Habitat: Good/ Fair/ Poor Connected: Yes/ No Why?	Are special status species present, healthy and in numbers that appear to ensure stable to increasing populations? Are habitat areas large enough to support viable populations or connected adequately with other similar habitat areas?				

Description of resources/ Rationale for Determination	Standard Indicator	Applicable Standards (un-shaded) and Determination (write Met; Not met; N/A)			
		Soils	Species	Riparian	Water Quality
Wildlife habitat: Seral Stage:_____ Appropriate? Yes/ No Structure: Good/ Fair/ Poor, Why? Patch size: Adequate/ Inadequate	Do wildlife habitats include seral stages, vegetation structure, and patch size promoting diverse, viable wildlife pops?				
(see PFC checklist, TR 1737-9) _____% habitat PFC _____% habitat At Risk (Up, Down, Static) _____% habitat Non-Functional	Are Riparian/Wetland Habitat(s) in Proper Functioning Condition?				
Describe cover of riparian banks:	Is vegetation cover >80% or the percentage that will protect banks and dissipate energy during high flows?				
Describe shading of riparian area: Herbs: Yes/ No Shrubs: Yes/ No Trees: Yes/ No	Where appropriate., is shading sufficient to provide adequate thermal regulation for fish and other riparian dependent species?				
Describe aquatic organisms and plants: Any invertebrates?: Yes/ No Do they indicate: Good Quality/Poor Quality Fish: Yes/ No Algae: Yes/ No	Do aquatic organisms and plants (macro-invertebrates, fish, algae and plants) indicate support for beneficial uses?				
Is Riparian habitat quality Acceptable or Unacceptable? (see riparian standards)	Does Riparian Habitat quality contribute to beneficial uses?				

Lotic Area Standard Proper Functioning Condition Checklist

Name of Riparian-Wetland Area: _____

Date: _____ Segment/ Reach ID: _____ Miles: _____

ID Team Observers: _____

Yes	No	N/A	HYDROLOGIC
			1) Floodplain inundated in "relatively frequent" events (1-3 years)
			2) Active/stable beaver dams
			3) Sinuosity, width/depth ratio, and gradient are in balance with the landscape setting (i.e., landform, geology, and bioclimatic region)
			4) Riparian zone is widening or has achieved potential extent
			5) Upland watershed not contributing to riparian degradation

Yes	No	N/A	VEGETATIVE
			6) Diverse age-class distribution (recruitment for maintenance/recovery)
			7) Diverse composition of vegetation (for maintenance/recovery)
			8) Species present indicate maintenance of riparian soil moisture characteristics
			9) Streambank vegetation is comprised of those plants or plant communities that have root masses capable of withstanding high streamflow events
			10) Riparian plants exhibit high vigor
			11) Adequate vegetative cover present to protect banks and dissipate energy during high flows
			12) Plant communities in the riparian area are an adequate source of coarse and/or large woody debris

Summary Determination

Does the stream . . .

- Dissipate stream energy associated with high water flows, thereby reducing erosion and improving water quality?
- Filter sediment, capture bedload, and aid in floodplain development?
- Improve flood-water retention and ground water recharge?
- Develop root masses that stabilize streambanks against cutting action?

Functional Rating:

Proper Functioning Condition _____
 Functional – At Risk _____
 Nonfunctional _____
 Unknown _____

Trend for Functional - At Risk:

Upward _____
 Downward _____
 Not Apparent _____

Are factors contributing to unacceptable conditions outside the control of the manager? Yes ____ No ____

If yes, what are those factors?

_____ Flow regulations
 _____ Mining activities
 _____ Upstream channel conditions
 _____ Channelization
 _____ Road encroachment
 _____ Oil field water discharge
 _____ Augmented flows
 _____ Other (specify) _____

(Revised 27 June 2000)

Lentic Area Standard Proper Functioning Condition Checklist

Name of Riparian-Wetland Area: _____

Date: _____ Area/ Segment ID: _____ Acres: _____

ID Team Observers: _____

Yes	No	N/A	HYDROLOGIC
			1) Riparian-wetland area is saturated at or near the surface or inundated in “relatively frequent” events
			2) Fluctuation of water levels is not excessive
			3) Riparian-wetland area is enlarging or has achieved potential extent
			4) Upland watershed is not contributing to riparian-wetland degradation
			5) Water quality is sufficient to support riparian-wetland plants
			6) Natural surface or subsurface flow patterns are not altered by disturbance (i.e., hoof action, dams, dikes, trails, roads, rills, gullies, drilling activities)
			7) Structure accommodates safe passage of flows (e.g., no headcut affecting dam or spillway)

Yes	No	N/A	VEGETATION
			8) There is diverse age-class distribution of riparian-wetland vegetation (recruitment for maintenance/recovery)
			9) There is diverse composition of riparian-wetland vegetation (for maintenance/recovery)
			10) Species present indicate maintenance of riparian-wetland soil moisture characteristics
			11) Vegetation is comprised of those plants or plant communities that have root masses capable of withstanding wind events, wave flow events, or overland flows (e.g., storm events, snowmelt)
			12) Riparian-wetland plants exhibit high vigor
			13) Adequate riparian-wetland vegetative cover is present to protect shoreline/soil surface and dissipate energy during high wind and wave events or overland flows
			14) Frost or abnormal hydrologic heaving is not present
			15) Favorable microsite condition (i.e., woody material, water temperature, etc.) is maintained by adjacent site characteristics

Yes	No	N/A	EROSION/DEPOSITION
			16) Accumulation of chemicals affecting plant productivity/ composition is not apparent
			17) Saturation of soils (i.e., ponding, flooding frequency, and duration) is sufficient to compose and maintain hydric soils
			18) Underlying geologic structure/soil material/permafrost is capable of restricting water percolation
			19) Riparian-wetland is in balance with the water and sediment being supplied by the watershed (i.e., no excessive erosion or deposition)

			20) Islands and shoreline characteristics (i.e., rocks, coarse and/or large woody material) are adequate to dissipate wind and wave event energies
--	--	--	--

Remarks

[illegible]

Summary Determination

Functional Rating:

Proper Functioning Condition	_____
Functional – At Risk	_____
Nonfunctional	_____
Unknown	_____

Trend for Functional - At Risk:

Upward _____
Downward _____
Not Apparent _____

Are factors contributing to unacceptable conditions outside the control of the manager?

Yes _____
No _____

If yes, what are those factors?

_____ Dewatering
 _____ Mining activities
 _____ Watershed condition
 _____ Dredging activities
 _____ Road encroachment
 _____ Land ownership
 _____ Other (specify) _____

(Revised 1999)

TABLE 4-1 Surface Soil Characteristics of the Bureau of Land Management

Characteristic	Class 1	Class 2	Class 3	Class 4	Class 5
Soil movement	Subsoil exposed over much of the area; may have embryonic dunes and wind-scoured depressions	Soil and debris deposited against minor obstructions	Moderate movement of soil is visible and recent; slight terracing	Some movement of soil particles	No visual evidence of movement
Surface rock and/ or litter	Very little remaining (use care on low-productivity sites); if present, surface rock or fragments exhibit some movement and accumulation of smaller fragments behind obstacles	Extreme movement is apparent; large and numerous deposits against obstacle; if present, rock or fragments exhibit some movement and accumulation of smaller fragments behind obstacles	Moderate movement is apparent and fragments are deposited against obstacles; if present, fragments have a poorly developed distribution pattern	May show slight movement; if present, coarse fragments have a truncated appearance or spotty distribution caused by wind and water	Accumulation in place; if present, the distribution of fragments shows no movement caused by wind or water
Pedestaling	Most rocks and plants are pedestaled and roots exposed	Rocks and plants on pedestals are generally evident; plant roots are exposed	Small rock and plant pedestals occurring in flow patterns	Slight pedestaling in flow patterns	No visual evidence of pedestaling
Flow patterns	Flow patterns are numerous and readily noticeable; may have large barren fan deposits	Flow patterns contain silt, sand deposits and alluvial fans	Well defined, small, and few with intermittent deposits	Deposition of particles may be in evidence	No visual evidence of flow patterns
Rills and gullies	May be present at depths of 8 to 15 cm (3 to 6 inches) and intervals of less than 13 cm (5 inches); sharply incised gullies cover most of the area, and 50 percent are actively eroding	Rills at depths of 1 to 15 cm (0.5 to 6 inches) occur in exposed areas at intervals of 150 cm (5 feet); gullies are numerous and well developed, with active erosion along 10 to 50 percent of their lengths or a few well-developed gullies with active erosion along more than 50 percent of their length	Rills at depths of 1 to 15 cm (0.5 to 6 inches) occur in exposed places at approximately 300 cm (10 foot) intervals; gullies are well developed, with active erosion along less than 10 percent of their length; some vegetation may be present	Some rills in evidence at infrequent intervals of over 300 cm (10 feet); evidence of gullies that show little bed or slope erosion; some vegetation is present on slopes	No visual evidence of rills; may be present in stable condition; vegetation on channel bed and side slopes

SOURCE: Rangeland Health. Adapted from U.S. Department of the Interior, Bureau of Land Management. 1973. Determination of Erosion Condition Class, Form 7310-12. May. Washington, D.C.: U.S. Department of the Interior.

F.3.A Current Rangeland Health Assessment Results

Allotment Number	Allotment Name	Public Acres ¹	Kind of Stock	Period Begin Date	Period End Date	Public AUMs	Range Health Assessment Date	Range Health Category ²
2	Oilfield Road	440	Sheep	12/1	5/31	73	11/30/04	2
3	Naval Pet Res. I	1,518	Sheep	12/1	5/31	253	04/05/01	2
5	Blossom Peak	80	Cattle	3/1	6/1	7	None	N/A
6	Cuyama 2	480	Cattle	3/1	2/28	80	02/21/07	2
7	Freeborn Mt.	1,804	Cattle	3/1	2/28	254	03/14/07	2
8	Pleito Hills	3,423	Cattle	3/1	2/28	1,028	08/06/98	2
9	Badger Creek	480	Cattle	4/1	9/30	90	04/25/02	4
10	Santa Rita	160	Cattle	3/1	9/15	16	06/19/02	1 and 4
12	Live Oak Pass	280	Cattle	6/1	9/30	70	04/18/07	2
13	Temblor Creek	328	Cattle	3/1	2/28	82	04/13/2011	2
14	Case Mountain	5,576	Cattle	10/1	5/31	423	07/22/98	2
15	North Temblor ³	34,795	Cattle	3/1	2/28	7,733	06/28/06	2
15	North Temblor		Cattle	12/1	5/31			
15	North Temblor (portion in BKFO managed by CPNM)	137	Cattle	3/1	2/28	30		
16	Oil Field	4,270	Sheep	12/1	5/31	303	02/25/05	2
17	North Fork River	5,693	Cattle	3/1	2/28	456	08/12/98	2
19	Buena Vista Creek	720	Sheep	12/1	5/31	107	04/05/01	2
20	Elephant Back	80	Cattle	3/1	2/28	16	02/24/00	2
21	Frazer Valley	1,694	Cattle	12/1	5/31	184	03/04/10	2
23	Hanning Flat West	754	Cattle	11/1	5/31	75	04/07/10	2
24	Bear Creek	405	Cattle	3/1	2/28	10	11/14/07	2
27	Bitterwater Valley	80				12	None	N/A
28	Kettleman Hills	5,216	Cattle	12/1	5/31	1,304	03/10/10	2,1 and 4
28	Kettleman Hills		Cattle	3/1	2/28			
30	West Klipstein	561	Cattle	3/1	2/28	112	03/22/06	2
32	Hubbard Hill	3,080	Cattle	3/1	2/28	418	03/07/07	2
33	Mankins Creek	476	Cattle	10/1	6/30	80	03/21/07	2
34	North Comb Rocks	230				39	None	N/A
35	Red Hill	160				3	None	N/A
36	Horn Mountain	1,517	Cattle	3/1	2/28	65	08/28/03	2
37	Raven Pass	40	Cattle	9/1	5/31	12	07/12/01	1
38	North Naval Petroleum Res.	2,278				380	None	N/A
39	Chimineas Ranch South ³	4,982				730	None	N/A
40	Rio Bravo	401	Cattle	3/1	2/28	100	04/25/02	4
41	Derby Acres	530				151	None	N/A
42	Jack Canyon	33	Cattle	3/1	2/28	12	04/24/08	2
45	Goldpan Canyon	470	Cattle	3/1	2/28	84	12/16/98	2
47	Rankin Ranch	867	Cattle	3/1	2/28	144	None	N/A
48	Mountain Creek	264	Cattle	3/1	2/28	88	02/23/06	4
49	Loraine	678	Cattle	3/1	2/28	113	12/16/98	2
50	Santa Barbara Canyon	1,734	Cattle	3/1	2/28	118	08/01/02	2
51	Studhorse Canyon	498	Cattle	11/1	5/31	100	05/11/98	2

Allotment Number	Allotment Name	Public Acres ¹	Kind of Stock	Period Begin Date	Period End Date	Public AUMs	Range Health Assessment Date	Range Health Category ²
52	Thompson Ridge	1,250				63	None	N/A
54	Willow Spring Canyon	480	Cattle	3/1	2/28	96	03/10/10	2
55	South Mountain	186	Cattle	3/1	2/28	23	06/11/08	2
56	Round Mountain Road	160	Cattle	12/1	5/31	27	10/08/03	2
57	Santiago Creek	2,723	Cattle	3/1	2/28	545	10/23/06	2
57	Santiago Creek		Cattle	12/1	5/31			
58	Anderson Canyon	2,120	Cattle	3/1	2/28	311	03/14/07	2
59	Loco Bill Canyon	640	Cattle	4/1	9/30	82	05/11/98	2
60	Santa Teresa	1,883	Cattle	3/1	2/28	400	06/26/08	2
61	Oak Grove	2,901	Cattle	4/1	9/30	235	08/19/98	2
62	Curtis Mountain	40	Cattle	3/1	2/28	13	None	N/A
63	Chico Martinez	8,602	Cattle	3/1	2/28	1,671	07/14/05	2
63	Chico Martinez		Cattle	12/1	5/31			
64	Cedar Canyon	624	Cattle	10/15	6/30	139	04/14/05	2
64	Cedar Canyon		Cattle	12/1	5/31			
65	Packwood	1,155	Cattle	12/1	5/31	282	08/02/01	1
65	Packwood		Cattle	3/1	2/28			
66	Liveoak Canyon	80				13	None	N/A
68	San Emigdio	650	Cattle	3/1	2/28	191	07/17/02	2
71	Rancheria	194				49	None	N/A
72	Bluestone Ridge	2,673	Cattle	12/1	6/30	668	09/04/98	2
73	Chimineas Ranch North	3,949	Cattle	12/1	5/31	759	05/06/10	1
74	Freedom Hill	2,278	Cattle	3/1	5/15	539	04/08/98	2
75	Kelso Peak	768	Cattle	2/1	5/15	154	08/15/01	2
76	Sacatar Meadow	6,320	Cattle	9/1	10/31	96	10/09/07	2
77	Walker Pass West	14,566	Cattle	1/1	6/30	781	01/13/00	2
78	Airport	1,759	Cattle	3/1	5/15	176	04/07/10	2
79	Fay Canyon	361	Cattle	3/1	4/30	64	08/15/01	2
80	Smith Canyon	2,760				60	None	N/A
81	Nellie's Nipple	3,885	Cattle	3/15	10/14	528	01/25/06	2
82	Short Canyon	3,260	Cattle	2/1	4/30	150	03/20/98	2
83	Lynch Canyon	510	Cattle	3/1	4/30	64	12/02/98	2
84	Cyrus Canyon	2,236	Cattle	10/1	5/15	225	04/18/02	2
85	Cooks Peak	2,111	Cattle	11/1	5/31	217	07/15/99	2
86	Cholla Canyon	4,572	Cattle	10/15	6/30	1,825	05/19/03	2
87	Havilah Basin	4,862	Cattle	3/1	2/28	356	03/18/10	2
87	Havilah Basin		Cattle	5/1	9/30			
88	Sales Creek ⁴	40	Cattle	3/1	2/28	50	03/08/00	2
89	Bodfish	114	Cattle and horses	3/1	9/30	14	09/09/04	2
90	Wagy Flat	10,138	Cattle	2/15	4/30	521	09/09/04	2
91	Sulphur Ridge	506	Cattle	3/1	2/28	34	04/25/07	2
93	Eagle's Nest Peak	680	Cattle	11/1	5/31	182	02/06/06	2
94	South Comb Rocks	399	Cattle	10/1	6/30	100	03/21/07	2
95	Progress Gulch	480	Cattle	3/1	6/30	80	04/18/07	2
96	Maricopa ³	5,979	Cattle	12/1	5/31	939	04/15/99	2
96	Maricopa		Cattle	3/1	2/28			

Allotment Number	Allotment Name	Public Acres ¹	Kind of Stock	Period Begin Date	Period End Date	Public AUMs	Range Health Assessment Date	Range Health Category ²
97	Mc Van Oil Field	200	Cattle	3/1	2/28	34	03/29/01	1
98	Fresno River ⁴	160	Cattle	5/1	10/31	36	09/07/01	1
99	Bittercreek Drainage	240	Cattle	3/1	2/28	60	04/28/05	2
100	Dry Creek	160	Cattle	3/1	2/28	20	07/16/08	2
102	Burnt Point	1,493	Cattle	3/1	2/28	79	05/23/07	2
103	Milk Ranch Peak	1,652	Cattle	4/15	9/30	133	07/11/07	2
104	Wash Burn Cove	628	Cattle	10/1	4/15	118	03/28/07	2
106	Western Minerals Road	1,540	Cattle	12/1	5/31	308	03/10/98	2
107	Cienaga Canyon	1,902	Cattle	12/1	5/31	380	05/10/06	2
108	Paso Robles	20	Horses	1/1	3/31	3	None	N/A
111	Sand Canyon	2,702	Cattle	3/1	2/28	365	01/19/00	2
113	Johns Peak	1,040	Cattle	3/1	2/28	168	03/13/02	2
114	East Klipstein	90	Cattle	3/1	9/30	18	03/22/06	2
115	Power Line Road	215	Sheep	1/1	5/31	36	03/29/01	2
116	Devils Gulch	600	Cattle	12/1	5/31	120	05/10/06	2
117	Red Mountain	7,317				327	None	N/A
118	Scobie Meadow	6,890	Cattle	6/1	10/31	182	06/08/00	2
119	Bald Eagle Peak	2,400	Cattle	3/1	2/28	168	03/18/10	2
120	Spanish Needle Creek	3,160	Cattle	3/15	6/5	40	07/08/98	2
123	Canebrake	8,238	Cattle	1/1	6/30	952	04/17/98	2
124	Long Valley	17,687	Cattle	10/1	11/30	226	06/12/02	2
125	Kennedy Lamont	44,296	Cattle	7/1	9/30	396	10/17/07	2
126	Lower Kennedy Table ⁴	105	Cattle	12/1	5/31	30	03/27/01	2
128	Lwr Hiddenvalley Rch ⁴	1,331	Cattle	12/1	5/31	236	04/25/05	2
129	Big Sandy ⁴	813	Cattle	12/1	5/31	225	02/10/00	2
130	Smalley Road ⁴	540	Cattle	11/15	5/15	188	03/01/00	2
136	Fowler Mountain ⁴	280	Cattle	3/1	2/28	120	09/07/05	2
149	South Fork Kern River	800	Cattle	11/1	6/30	20	07/17/08	1
157	Wheeler Ridge	480	Cattle	12/1	5/31	144	02/28/07	1 and 4
157	Wheeler Ridge		Cattle	3/1	2/28			
3464	Franciscan	800	Cattle	3/1	2/28	168	08/02/01	2
3655	Wood Canyon ³	204	Cattle	12/1	5/31	5	06/26/02	2
3718	Buena Vista	311	Cattle	3/1	2/28	62	06/26/08	2
3719	Vista Del Mar	165				10	None	N/A
3720	Klau Mine	12				3	None	N/A
3750	San Joaquin River Slope ⁴	857	Cattle	12/1	5/31	240	3/27/01	2
4309	Surprise Arroyo (portion in BKFO managed by HFO)	~1,300	Cattle and Sheep	1/1	4/30	~417		
5008	Rudnick Common (portion in BKFO managed by RFO)	~7,000	Cattle	3/1	2/28	~412		

¹ Acreage figures in this table are approximate and may not correspond with cumulative totals elsewhere in this document.

² 1=One or more standards not being met, livestock are significant contributor to failure; 2=All standards being met; 3=Status of one or more standards is unknown or cause of failure unknown; 4=One or more standards not being met due to cause other than livestock grazing (also see Appendix F-1).

³ Portion of this allotment lies within the Carrizo Plain National Monument.

⁴ Allotments currently directed by the Hollister RMP of 1984.

F.4 Selective Management Categories for Grazing Allotments

The Bureau began categorizing allotments upon the issuance of Instruction Memorandum No. 82-292 on March 5, 1982. That memorandum established the selective management approach to rangeland management. The selective management policy is intended to provide our agency with a logical and consistent system of prioritizing our management implementation needs by identifying those allotments needing the most management emphasis in regards to our capabilities at hand. The Bakersfield Field Office felt this policy was quite useful in helping to organize our many management priorities. In the 1997 Caliente RMP we redefined the categories and criteria described in IM-82-292 to fit our needs and put emphasis on the values we use intuitively to prioritize our management efforts. We have developed and continue to use the following three categories:

- (I) Intensive: Concentrate effort in areas which require intensive management.
- (M) Moderate: Provide moderate level of effort to maintain condition or effect change.
- (C) Continue: Manage custodially, while protecting existing resource values and condition.

The following standard and optional criteria are being used in the Bakersfield Field Office to place allotments into the three identified categories.

Standard Criteria Used to Categorize Grazing Allotments

Resource Objective – Are the resources near, at, or far from their desired condition? Is intensive management effort required to reach objective or maintain stable condition, or will objective be met without much outside effort?

Resource Trend – Are resources moving toward objective, moving away from objective, or are they stable? Are apparent resource conditions improving or declining?

Present Management – Is present management satisfactory to meet long term management objectives? Is present management contributing to maintaining or meeting resource objectives? If resource conditions need improving, will a change in present management effect any change in resource trend toward objective?

Resource Use Conflicts/ Controversy – Do serious resource use conflicts exist which require special management emphasis? Is the allotment important to many user groups? Do special or sensitive resources, including special status species, exist which may require intensive management?

Optional Criteria Used to Categorize Grazing Allotments

Amount of Public Land – Does the percentage of Federal land within the management unit restrict implementation of desired changes? Is management change infeasible due to limited public lands within the management unit?

Cooperation – Does the grazing operator maintain existing projects and will future projects be maintained? Is the grazing operator willing to work with the Bureau in implementing management prescriptions?

Economic Return – What is the likelihood of positive economic return on public investment? Are desired resource objectives and proposed changes economically feasible?

Each allotment is rated separately based on the described standard criteria and the following scorecard:

SELECTIVE MANAGEMENT CATEGORY			
STANDARD CRITERIA	I	M	C
Resource Objective:	Far below desired condition.	Near or at desired condition.	Near desired condition.
Resource Trend:	Stable, moving toward objective, or moving away from objective.	Stable, or moving toward objective.	Stable, or moving toward objective.
Effect of Present Management:	Present management not satisfactory to maintain or reach objectives.	Present management contributing toward maintaining or meeting objectives.	Present management contributing toward maintaining or meeting objectives.
Resource Conflicts:	Conflicts evident.	Conflicts limited.	Conflicts minimal.
TOTAL SCORE:			
OPTIONAL CRITERIA	I	M	C
Amount of Public Land:	> 60%, Change possible.	59%-10%, Change restricted.	<10%, Change not feasible.
Cooperation:	Low level of cooperation.		Cooperative and reliable.
Economic Return:	Positive return.	Possible return.	Return not likely.
TOTAL SCORE:			

After evaluating an allotment and selecting a management category for each of the standard criteria, an obvious category assignment is usually indicated. However, in the instance that the scores between two management classes for a given allotment is even after applying the standard criteria, then the optional criteria are used to make the final category assignment.

The identification of management categories is a dynamic process. When the resource situation of an allotment changes following the implementation of management decisions, the allotment may be recategorized. The monitoring to support recategorization need not be limited to the type of monitoring typically used to manage livestock grazing (i.e., utilization, mulch, actual use, weather, trend and condition). Information from any source (e.g., wildlife, watershed, special status plant and animal, or archeological monitoring) may serve to make apparent and justify the need for recategorization. Due to time limitations, the categories printed in the allocation table of this document do not reflect the use of these newly developed criteria. The Field Office staff, in cooperation and consultation with affected grazing lessees/permittees and interested parties, will re-evaluate and categorize each allotment in order to determine management emphasis for the future.

F.5 Livestock Grazing Implementation Levels by Alternative

Livestock Grazing Implementation Levels; Alternative A

Allotment Number	Allotment Name	Public Acres¹	Mgmt. Status²	Type Auth.³	Kind Of Stock	Period Begin Date	Period End Date	Public Aums
2	Oilfield Road	440	M	15	Sheep	12/1	5/31	73
3	Naval Pet Res. I	1,518	M	15	Sheep	12/1	5/31	253
5	Blossom Peak	80	C	15	Cattle	3/1	6/1	7
6	Cuyama 2	480	C	15	Cattle	3/1	2/28	80
7	Freeborn Mt.	1,804	C	15	Cattle	3/1	2/28	254
8	Pleito Hills	3,423	C	15	Cattle	3/1	2/28	1,028
9	Badger Creek	480	C	15	Cattle	4/1	9/30	90
10	Santa Rita	160	C	15	Cattle	3/1	9/15	16
12	Live Oak Pass	280	C	15	Cattle	6/1	9/30	70
13	Temblor Creek	328	M	15	Cattle	3/1	2/28	82
14	Case Mountain	5,576	I	15	Cattle	10/1	5/31	423
15	North Temblor ⁴	34,795	M	15	Cattle	3/1	2/28	7,733
15	North Temblor ⁴	0	M	15	Cattle	12/1	5/31	0
15	North Temblor (Portion in BKFO Managed by CPNM)	137	M	15	Cattle	3/1	2/28	30
16	Oil Field	4,270	M	15	Sheep	12/1	5/31	303
17	North Fork River	5,693	M	15	Cattle	3/1	2/28	456
19	Buena Vista Creek	720	M	15	Sheep	12/1	5/31	107
20	Elephant Back	80	C	15	Cattle	3/1	2/28	16
21	Frazer Valley	1,694	M	15	Cattle	12/1	5/31	184
23	Hanning Flat West	754	C	3	Cattle	11/1	5/31	75
24	Bear Creek	405	M	15	Cattle	3/1	2/28	10
27	Bitterwater Valley	80	C	15				12
28	Kettleman Hills	5,216	I	15	Cattle	12/1	5/31	1,304
28	Kettleman Hills	0	I	15	Cattle	3/1	2/28	0
30	West Klipstein	561	C	15	Cattle	3/1	2/28	112
32	Hubbard Hill	3,080	C	15	Cattle	3/1	2/28	418
33	Mankins Creek	476	C	15	Cattle	10/1	6/30	80
34	North Comb Rocks	230	C	15				39
35	Red Hill	160	C	15	Cattle	3/1	2/28	3
36	Horn Mountain	1517	C	15	Cattle	3/1	2/28	65
37	Raven Pass	40	C	15	Cattle	9/1	5/31	12
38	North Naval Petroleum Res.	2,278	I	15				380
39	Chimineas Ranch South ⁴	4,982	M	15	Cattle	12/1	5/31	730
40	Rio Bravo	401	C	15	Cattle	3/1	2/28	100
41	Derby Acres	530	C	15				151
42	Jack Canyon	33	C	15	Cattle	3/1	2/28	12
45	Goldpan Canyon	470	I	15	Cattle	3/1	2/28	84
47	Rankin Ranch	867	C	15	Cattle	3/1	2/28	144
48	Mountain Creek	264	C	15	Cattle	3/1	2/28	88
49	Loraine	678	I	15	Cattle	3/1	2/28	113
50	Santa Barbara Canyon	1,734	M	15	Cattle	3/1	2/28	118
51	Studhorse Canyon	498	M	3	Cattle	11/1	5/31	100
52	Thompson Ridge	1,250	M	15	Cattle	5/1	7/31	63

Allotment Number	Allotment Name	Public Acres ¹	Mgmt. Status ²	Type Auth. ³	Kind Of Stock	Period Begin Date	Period End Date	Public Aums
54	Willow Spring Canyon	480	M	15	Cattle	3/1	2/28	96
55	South Mountain	186	C	15	Cattle	3/1	2/28	23
56	Round Mountain Road	160	M	15	Cattle	12/1	5/31	27
57	Santiago Creek	2,723	M	15	Cattle	3/1	2/28	545
57	Santiago Creek	0	M	15	Cattle	12/1	5/31	0
58	Anderson Canyon	2,120	C	15	Cattle	3/1	2/28	311
59	Loco Bill Canyon	640	I	15	Cattle	4/1	9/30	82
60	Santa Teresa	1,883	M	15	Cattle	3/1	2/28	400
61	Oak Grove	2,901	I	15	Cattle	4/1	9/30	235
62	Curtis Mountain	40	C	15	Cattle	3/1	2/28	13
63	Chico Martinez	8,602	I	15	Cattle	3/1	2/28	1,671
63	Chico Martinez	0	I	15	Cattle	12/1	5/31	0
64	Cedar Canyon	624	C	15	Cattle	10/15	6/30	139
64	Cedar Canyon	0	C	15	Cattle	12/1	5/31	0
65	Packwood	1,155	M	15	Cattle	12/1	5/31	282
65	Packwood	0	M	15	Cattle	3/1	2/28	0
66	Liveoak Canyon	80	C	15				13
68	San Emigdio	650	C	15	Cattle	3/1	2/28	191
71	Rancheria	194	C	15				49
72	Bluestone Ridge	2,673	M	15	Cattle	12/1	6/30	668
73	Chimineas Ranch North	3,949	M	15	Cattle	12/1	5/31	759
74	Freedom Hill	2,278	I	3	Cattle	3/1	5/15	539
75	Kelso Peak	768	M	3	Cattle	2/1	5/15	154
76	Sacatar Meadow	6,320	C	3	Cattle	9/1	10/31	96
77	Walker Pass West	14,566	I	3	Cattle	1/1	6/30	781
78	Airport	1,759	M	3	Cattle	3/1	5/15	176
79	Fay Canyon	361	C	3	Cattle	3/1	4/30	64
80	Smith Canyon	2,760	M	3				60
81	Nellie's Nipple	3,885	M	3	Cattle	3/15	10/14	528
82	Short Canyon	3,260	I	3	Cattle	2/1	4/30	150
83	Lynch Canyon	510	C	3	Cattle	3/1	4/30	64
84	Cyrus Canyon	2,236	M	3	Cattle	10/1	5/15	225
85	Cooks Peak	2,111	C	3	Cattle	11/1	5/31	217
86	Cholla Canyon	4,572	M	3	Cattle	10/15	6/30	1,825
87	Havilah Basin	4,862	M	3	Cattle	3/1	2/28	356
87	Havilah Basin	0	M	3	Cattle	5/1	9/30	0
88	Sales Creek	40	C	15	Cattle	3/1	2/28	50
89	Bodfish	114	C	3	Cattle & Horses	3/1	9/30	14
90	Wagy Flat	10,138	M	3	Cattle	2/15	4/30	521
91	Sulphur Ridge	506	C	15	Cattle	3/1	2/28	34
93	Eagle's Nest Peak	680	C	15	Cattle	11/1	5/31	182
94	South Comb Rocks	399	C	15	Cattle	10/1	6/30	100
95	Progress Gulch	480	C	15	Cattle	3/1	6/30	80
96	Maricopa ⁴	5,979	I	15	Cattle	12/1	5/31	939
96	Maricopa ⁴	0	I	15	Cattle	3/1	2/28	0
97	Mc Van Oil Field	200	C	15	Cattle	3/1	2/28	34
98	Fresno River	160	C	15	Cattle	5/1	10/31	36

Allotment Number	Allotment Name	Public Acres ¹	Mgmt. Status ²	Type Auth. ³	Kind Of Stock	Period Begin Date	Period End Date	Public Aums
99	Bittercreek Drainage	240	C	15	Cattle	3/1	2/28	60
100	Dry Creek	160	C	15	Cattle	3/1	2/28	20
102	Burnt Point	1,493	M	15	Cattle	3/1	2/28	79
103	Milk Ranch Peak	1,652	C	15	Cattle	4/15	9/30	133
104	Wash Burn Cove	628	M	15	Cattle	10/1	4/15	118
106	Western Minerals Rd.	1,540	I	15	Cattle	12/1	5/31	308
107	Cienaga Canyon	1,902	M	15	Cattle	12/1	5/31	380
108	Paso Robles	20	C	15	Horses	1/1	3/31	3
111	Sand Canyon	2,702	I	15	Cattle	3/1	2/28	365
113	Johns Peak	1,040	C	15	Cattle	3/1	2/28	168
114	East Klipstein	90	C	15	Cattle	3/1	9/30	18
115	Power Line Road	215	M	15	Sheep	1/1	5/31	36
116	Devils Gulch	600	M	15	Cattle	12/1	5/31	120
117	Red Mountain	7,317	I	15				327
118	Scobie Meadow	6,890	M	3	Cattle	6/1	10/31	182
119	Bald Eagle Peak	2,400	M	3	Cattle	3/1	2/28	168
120	Spanish Needle Creek	3,160	I	3	Cattle	3/15	6/5	40
123	Canebrake	8,238	M	3	Cattle	1/1	6/30	952
124	Long Valley	17,687	M	3	Cattle	10/1	11/30	226
125	Kennedy Lamont	44,296	M	3	Cattle	7/1	9/30	396
126	Lower Kennedy Table	105	M	15	Cattle	9/15	5/31	30
128	Lwr Hiddenvalley Rch	1,331	M	15	Cattle	12/1	5/31	236
129	Big Sandy	813	M	15	Cattle	12/1	5/31	225
130	Smalley Road	540	M	15	Cattle	11/15	5/15	188
136	Fowler Mountain	280	M	15	Cattle	3/1	2/28	120
149	South Fork Kern River	800	C	3	Cattle	11/1	6/30	20
157	Wheeler Ridge	480	C	15	Cattle	12/1	5/31	144
157	Wheeler Ridge	0	C	15	Cattle	3/1	2/28	0
3464	Franciscan	800	M	15	Cattle	3/1	2/28	168
3655	Wood Canyon ⁴	204	M	15	Cattle	12/1	5/31	5
3718	Buena Vista	311	M	15	Cattle	3/1	2/28	62
3719	Vista Del Mar	165	C	15				10
3720	Klau Mine	12	C	15				3
3750	San Joaquin River Slope	857	M	15	Cattle	12/1	5/31	240
4309	Surprise Arroyo (~ Portion in BKFO Managed by HFO)	1,300	I	15	Cattle & Sheep	1/1	4/30	~417
5008	Rudnick Common (~ Portion in BKFO Managed by RFO)	7,000	I	3	Cattle	3/1	2/28	~412
								34,526
	Available for application	20,800						3,100
	Estimated potential grazing opportunity ⁵							37,626

¹ Acreage figures in this table are approximate and may not correspond with cumulative totals elsewhere in this document.

² C=Continue, M=Moderate, I=Intensive (also see Selective Management Categories in Appendix F-4).

³ 3=Grazing permits issued on public lands within the grazing districts established under the Taylor Grazing Act; 15=Grazing leases on public lands outside the original grazing district boundaries.

⁴ Portion of this allotment lies within the Carrizo Plain National Monument.

⁵ Total of authorized AUMs and projected future authorized AUMs, under the assumptions that 75% of acres available for application would be authorized and given a stocking rate of 5 acres/AUM.

Livestock Grazing Implementation Levels; Alternative B

Allotment Number	Allotment Name	Public Acres ¹	Mgmt. Status ²	Type Auth. ³	Kind Of Stock	Period Begin Date	Period End Date	Public Aums
2	Oilfield Road	440	M	15	Sheep	12/1	5/31	73
3	Naval Pet Res. I	1,518	M	15	Sheep	12/1	5/31	253
5	Blossom Peak	80	C	15	Cattle	3/1	6/1	7
6	Cuyama 2	480	C	15	Cattle	3/1	2/28	80
7	Freeborn Mt.	1,804	C	15	Cattle	3/1	2/28	254
8	Pleito Hills	3,423	C	15	Cattle	3/1	2/28	1,028
9	Badger Creek	480	C	15	Cattle	4/1	9/30	90
10	Santa Rita	160	C	15	Cattle	3/1	9/15	16
12	Live Oak Pass	280	C	15	Cattle	6/1	9/30	70
13	Temblor Creek	328	M	15	Cattle	3/1	2/28	82
14	Case Mountain	3,903	I	15	Cattle	10/1	5/31	296
15	North Temblor ⁴	34,795	M	15	Cattle	3/1	2/28	7,733
	North Temblor ⁴		M	15	Cattle	12/1	5/31	0
	North Temblor (Portion in BKFO Managed by CPNM)	137	M	15	Cattle	3/1	2/28	30
16	Oil Field	4,270	M	15	Sheep	12/1	5/31	303
17	North Fork River	5,693	M	15	Cattle	3/1	2/28	456
19	Buena Vista Creek	720	M	15	Sheep	12/1	5/31	107
20	Elephant Back	80	C	15	Cattle	3/1	2/28	16
21	Frazer Valley	1,694	M	15	Cattle	12/1	5/31	184
23	Hanning Flat West	575	C	3	Cattle	11/1	5/31	57
24	Bear Creek	405	M	15	Cattle	3/1	2/28	10
27	Bitterwater Valley	80	C	15				12
28	Kettleman Hills	5,216	I	15	Cattle	12/1	5/31	1,304
	Kettleman Hills		I	15	Cattle	3/1	2/28	0
30	West Klipstein	561	C	15	Cattle	3/1	2/28	112
32	Hubbard Hill	3,080	C	15	Cattle	3/1	2/28	418
33	Mankins Creek	476	C	15	Cattle	10/1	6/30	80
34	North Comb Rocks	230	C	15				39
35	Red Hill	160	C	15	Cattle	3/1	2/28	3
36	Horn Mountain	1,517	C	15	Cattle	3/1	2/28	65
37	Raven Pass	40	C	15	Cattle	9/1	5/31	12
38	North Naval Petroleum Res.	2,278	I	15				380
39	Chimineas Ranch South ⁴	4,982	M	15	Cattle	12/1	5/31	730
40	Rio Bravo	401	C	15	Cattle	3/1	2/28	100
41	Derby Acres	530	C	15				151
42	Jack Canyon	33	C	15	Cattle	3/1	2/28	12
45	Goldpan Canyon	470	I	15	Cattle	3/1	2/28	84
47	Rankin Ranch	867	C	15	Cattle	3/1	2/28	144
48	Mountain Creek	264	C	15	Cattle	3/1	2/28	88
49	Loraine	678	I	15	Cattle	3/1	2/28	113
50	Santa Barbara Canyon	1,734	M	15	Cattle	3/1	2/28	118
51	Studhorse Canyon	498	M	3	Cattle	11/1	5/31	100
52	Thompson Ridge	1,250	M	15	Cattle	5/1	7/31	63
54	Willow Spring Canyon	480	M	15	Cattle	3/1	2/28	96
55	South Mountain	186	C	15	Cattle	3/1	2/28	23
56	Round Mountain Road	160	M	15	Cattle	12/1	5/31	27

Allotment Number	Allotment Name	Public Acres ¹	Mgmt. Status ²	Type Auth. ³	Kind Of Stock	Period Begin Date	Period End Date	Public Aums
57	Santiago Creek	2,723	M	15	Cattle	3/1	2/28	545
	Santiago Creek		M	15	Cattle	12/1	5/31	0
58	Anderson Canyon	2,120	C	15	Cattle	3/1	2/28	311
59	Loco Bill Canyon	640	I	15	Cattle	4/1	9/30	82
60	Santa Teresa	1,883	M	15	Cattle	3/1	2/28	400
61	Oak Grove	2,901	I	15	Cattle	4/1	9/30	235
62	Curtis Mountain	40	C	15	Cattle	3/1	2/28	13
63	Chico Martinez	8,602	I	15	Cattle	3/1	2/28	1,671
	Chico Martinez		I	15	Cattle	12/1	5/31	0
64	Cedar Canyon	624	C	15	Cattle	10/15	6/30	139
	Cedar Canyon		C	15	Cattle	12/1	5/31	0
65	Packwood	1,155	M	15	Cattle	12/1	5/31	282
	Packwood		M	15	Cattle	3/1	2/28	0
66	Liveoak Canyon	80	C	15				13
68	San Emigdio	650	C	15	Cattle	3/1	2/28	191
71	Rancheria	194	C	15				49
72	Bluestone Ridge	2,673	M	15	Cattle	12/1	6/30	668
73	Chimineas Ranch North	3,949	M	15	Cattle	12/1	5/31	759
74	Freedom Hill	2,278	I	3	Cattle	3/1	5/15	539
75	Kelso Peak	768	M	3	Cattle	2/1	5/15	154
76	Sacatar Meadow	6,320	C	3	Cattle	9/1	10/31	96
77	Walker Pass West	14,566	I	3	Cattle	1/1	6/30	781
78	Airport	917	M	3	Cattle	3/1	5/15	92
79	Fay Canyon	361	C	3	Cattle	3/1	4/30	64
80	Smith Canyon	2,760	M	3				60
81	Nellie's Nipple	3,885	M	3	Cattle	3/15	10/14	528
82	Short Canyon	3,260	I	3	Cattle	2/1	4/30	150
83	Lynch Canyon	510	C	3	Cattle	3/1	4/30	64
84	Cyrus Canyon	1,061	M	3	Cattle	10/1	5/15	106
85	Cooks Peak	2,111	C	3	Cattle	11/1	5/31	217
86	Cholla Canyon	4,572	M	3	Cattle	10/15	6/30	1,825
87	Havilah Basin	4,862	M	3	Cattle	3/1	2/28	356
	Havilah Basin		M	3	Cattle	5/1	9/30	0
88	Sales Creek	40	C	15	Cattle	3/1	2/28	50
89	Bodfish	114	C	3	Cattle & Horses	3/1	9/30	14
90	Wagy Flat	10,138	M	3	Cattle	2/15	4/30	521
91	Sulphur Ridge	506	C	15	Cattle	3/1	2/28	34
93	Eagle's Nest Peak	680	C	15	Cattle	11/1	5/31	182
94	South Comb Rocks	399	C	15	Cattle	10/1	6/30	100
95	Progress Gulch	480	C	15	Cattle	3/1	6/30	80
96	Maricopa ⁴	5,979	I	15	Cattle	12/1	5/31	939
	Maricopa ⁴		I	15	Cattle	3/1	2/28	0
97	Mc Van Oil Field	200	C	15	Cattle	3/1	2/28	34
98	Fresno River	160	C	15	Cattle	5/1	10/31	36
99	Bittercreek Drainage	240	C	15	Cattle	3/1	2/28	60
100	Dry Creek	160	C	15	Cattle	3/1	2/28	20
102	Burnt Point	1,493	M	15	Cattle	3/1	2/28	79
103	Milk Ranch Peak	1,652	C	15	Cattle	4/15	9/30	133

Allotment Number	Allotment Name	Public Acres ¹	Mgmt. Status ²	Type Auth. ³	Kind Of Stock	Period Begin Date	Period End Date	Public Aums
104	Wash Burn Cove	628	M	15	Cattle	10/1	4/15	118
106	Western Minerals Rd.	1,540	I	15	Cattle	12/1	5/31	308
107	Cienaga Canyon	1,902	M	15	Cattle	12/1	5/31	380
108	Paso Robles	20	C	15	Horses	1/1	3/31	3
111	Sand Canyon	2,702	I	15	Cattle	3/1	2/28	365
113	Johns Peak	1,040	C	15	Cattle	3/1	2/28	168
114	East Klipstein	90	C	15	Cattle	3/1	9/30	18
115	Power Line Road	215	M	15	Sheep	1/1	5/31	36
116	Devils Gulch	600	M	15	Cattle	12/1	5/31	120
117	Red Mountain	7,317	I	15				327
118	Scobie Meadow	6,890	M	3	Cattle	6/1	10/31	182
119	Bald Eagle Peak	2,400	M	3	Cattle	3/1	2/28	168
120	Spanish Needle Creek	3,160	I	3	Cattle	3/15	6/5	40
123	Canebrake	8,238	M	3	Cattle	1/1	6/30	952
124	Long Valley	17,687	M	3	Cattle	10/1	11/30	226
125	Kennedy Lamont	44,296	M	3	Cattle	7/1	9/30	396
126	Lower Kennedy Table	105	M	15	Cattle	9/15	5/31	30
128	Lwr Hiddenvalley Rch	1,331	M	15	Cattle	12/1	5/31	236
129	Big Sandy	813	M	15	Cattle	12/1	5/31	225
130	Smalley Road	540	M	15	Cattle	11/15	5/15	188
136	Fowler Mountain	280	M	15	Cattle	3/1	2/28	120
149	South Fork Kern River	744	C	3	Cattle	11/1	6/30	19
157	Wheeler Ridge	480	C	15	Cattle	12/1	5/31	144
	Wheeler Ridge		C	15	Cattle	3/1	2/28	0
3464	Franciscan	800	M	15	Cattle	3/1	2/28	168
3655	Wood Canyon ⁴	204	M	15	Cattle	12/1	5/31	5
3718	Buena Vista	311	M	15	Cattle	3/1	2/28	62
3719	Vista Del Mar	165	C	15				10
3720	Klau Mine	12	C	15				3
3750	San Joaquin River Slope	857	M	15	Cattle	12/1	5/31	240
4309	Surprise Arroyo (~ Portion in BKFO Managed by HFO)	1,300	I	15	Cattle & Sheep	1/1	4/30	~417
5008	Rudnick Common (~ Portion in BKFO Managed by RFO)	7,000	I	3	Cattle	3/1	2/28	~412
								34,177
	Available for application	40,300						6,000
	Estimated potential grazing opportunity ⁵							40,177

¹ Acreage figures in this table are approximate and may not correspond with cumulative totals elsewhere in this document.

² C=Continue, M=Moderate, I=Intensive (also see Selective Management Categories in Appendix F-4).

³ 3=Grazing permits issued on public lands within the grazing districts established under the Taylor Grazing Act; 15=Grazing leases on public lands outside the original grazing district boundaries.

⁴ Portion of this allotment lies within the Carrizo Plain National Monument.

⁵ Total of authorized AUMs and projected future authorized AUMs, under the assumptions that 75% of acres available for application would be authorized and given a stocking rate of 5 acres/AUM.

Red highlight indicates that livestock grazing use of the allotment was modified by the actions of the Alternative compared to the No Action Alternative. The level that is allowed to continue to be authorized on the allotment is shown in the row.

Livestock Grazing Implementation Levels; Alternative C

Allotment Number	Allotment Name	Public Acres¹	Mgmt. Status²	Type Auth.³	Kind Of Stock	Period Begin Date	Period End Date	Public Aums
2	Oilfield Road	440	M	15	Sheep	12/1	5/31	73
3	Naval Pet Res. I	1,518	M	15	Sheep	12/1	5/31	253
5	Blossom Peak	80	C	15	Cattle	3/1	6/1	7
6	Cuyama 2	480	C	15	Cattle	3/1	2/28	80
7	Freeborn Mt.	1,804	C	15	Cattle	3/1	2/28	254
8	Pleito Hills	3,423	C	15	Cattle	3/1	2/28	1,028
9	Badger Creek	480	C	15	Cattle	4/1	9/30	90
10	Santa Rita	160	C	15	Cattle	3/1	9/15	16
12	Live Oak Pass	280	C	15	Cattle	6/1	9/30	70
13	Temblor Creek	328	M	15	Cattle	3/1	2/28	82
14	Case Mountain	3,903	I	15	Cattle	10/1	5/31	296
15	North Temblor ⁴	34,795	M	15	Cattle	3/1	2/28	7,733
	North Temblor ⁴		M	15	Cattle	12/1	5/31	0
	North Temblor (Portion in BKFO Managed by CPNM)	137	M	15	Cattle	3/1	2/28	30
16	Oil Field	4,270	M	15	Sheep	12/1	5/31	303
17	North Fork River	4,839	M	15	Cattle	3/1	2/28	388
19	Buena Vista Creek	720	M	15	Sheep	12/1	5/31	107
20	Elephant Back	80	C	15	Cattle	3/1	2/28	16
21	Frazer Valley	1,694	M	15	Cattle	12/1	5/31	184
23	Hanning Flat West	302	C	3	Cattle	11/1	5/31	30
24	Bear Creek	405	M	15	Cattle	3/1	2/28	10
27	Bitterwater Valley	80	C	15				12
28	Kettleman Hills	5,216	I	15	Cattle	12/1	5/31	1,304
	Kettleman Hills		I	15	Cattle	3/1	2/28	0
30	West Klipstein	561	C	15	Cattle	3/1	2/28	112
32	Hubbard Hill	3,080	C	15	Cattle	3/1	2/28	418
33	Mankins Creek	438	C	15	Cattle	10/1	6/30	74
34	North Comb Rocks	230	C	15				39
35	Red Hill	160	C	15	Cattle	3/1	2/28	3
36	Horn Mountain	1,517	C	15	Cattle	3/1	2/28	65
37	Raven Pass	40	C	15	Cattle	9/1	5/31	12
38	North Naval Petroleum Res.	2,278	I	15				380
39	Chimineas Ranch South ⁴	4,982	M	15	Cattle	12/1	5/31	730
40	Rio Bravo	401	C	15	Cattle	3/1	2/28	100
41	Derby Acres	530	C	15				151
42	Jack Canyon	33	C	15	Cattle	3/1	2/28	12
45	Goldpan Canyon	235	I	15	Cattle	3/1	2/28	34
47	Rankin Ranch	867	C	15	Cattle	3/1	2/28	144
48	Mountain Creek	264	C	15	Cattle	3/1	2/28	88
49	Loraine	678	I	15	Cattle	3/1	2/28	113
50	Santa Barbara Canyon	1,734	M	15	Cattle	3/1	2/28	118
51	Studhorse Canyon	498	M	3	Cattle	11/1	5/31	100
52	Thompson Ridge	1,250	M	15	Cattle	5/1	7/31	63
54	Willow Spring Canyon	480	M	15	Cattle	3/1	2/28	96
55	South Mountain	186	C	15	Cattle	3/1	2/28	23
56	Round Mountain Road	160	M	15	Cattle	12/1	5/31	27

Allotment Number	Allotment Name	Public Acres ¹	Mgmt. Status ²	Type Auth. ³	Kind Of Stock	Period Begin Date	Period End Date	Public Aums
57	Santiago Creek	2,723	M	15	Cattle	3/1	2/28	545
	Santiago Creek		M	15	Cattle	12/1	5/31	0
58	Anderson Canyon	2,120	C	15	Cattle	3/1	2/28	311
59	Loco Bill Canyon	640	I	15	Cattle	4/1	9/30	82
60	Santa Teresa	1,883	M	15	Cattle	3/1	2/28	400
61	Oak Grove	2,901	I	15	Cattle	4/1	9/30	235
62	Curtis Mountain	40	C	15	Cattle	3/1	2/28	13
63	Chico Martinez	8,602	I	15	Cattle	3/1	2/28	1,671
	Chico Martinez		I	15	Cattle	12/1	5/31	0
64	Cedar Canyon	624	C	15	Cattle	10/15	6/30	139
	Cedar Canyon		C	15	Cattle	12/1	5/31	0
65	Packwood	1,155	M	15	Cattle	12/1	5/31	282
	Packwood		M	15	Cattle	3/1	2/28	0
66	Liveoak Canyon	80	C	15				13
68	San Emigdio	650	C	15	Cattle	3/1	2/28	191
71	Rancheria	194	C	15				49
72	Bluestone Ridge	2,673	M	15	Cattle	12/1	6/30	668
73	Chimineas Ranch North	3,949	M	15	Cattle	12/1	5/31	759
74	Freedom Hill	2,278	I	3	Cattle	3/1	5/15	539
75	Kelso Peak	768	M	3	Cattle	2/1	5/15	154
76	Sacatar Meadow	6,320	C	3	Cattle	9/1	10/31	96
77	Walker Pass West	14,566	I	3	Cattle	1/1	6/30	781
78	Airport	967	M	3	Cattle	3/1	5/15	97
79	Fay Canyon	361	C	3	Cattle	3/1	4/30	64
80	Smith Canyon	2,760	M	3				60
81	Nellie's Nipple	3,885	M	3	Cattle	3/15	10/14	528
82	Short Canyon	3,260	I	3	Cattle	2/1	4/30	150
83	Lynch Canyon	510	C	3	Cattle	3/1	4/30	64
84	Cyrus Canyon	67	M	3	Cattle	10/1	5/15	7
85	Cooks Peak	2,111	C	3	Cattle	11/1	5/31	217
86	Cholla Canyon	4,572	M	3	Cattle	10/15	6/30	1,825
87	Havilah Basin	4,862	M	3	Cattle	3/1	2/28	356
	Havilah Basin		M	3	Cattle	5/1	9/30	0
88	Sales Creek	40	C	15	Cattle	3/1	2/28	50
89	Bodfish	114	C	3	Cattle & Horses	3/1	9/30	14
90	Wagy Flat	4,562	M	3	Cattle	2/15	4/30	234
91	Sulphur Ridge	506	C	15	Cattle	3/1	2/28	34
93	Eagle's Nest Peak	680	C	15	Cattle	11/1	5/31	182
94	South Comb Rocks	399	C	15	Cattle	10/1	6/30	100
95	Progress Gulch	389	C	15	Cattle	3/1	6/30	65
96	Maricopa ⁴	5,979	I	15	Cattle	12/1	5/31	939
	Maricopa ⁴		I	15	Cattle	3/1	2/28	0
97	Mc Van Oil Field	200	C	15	Cattle	3/1	2/28	34
98	Fresno River	147	C	15	Cattle	5/1	10/31	33
99	Bittercreek Drainage	240	C	15	Cattle	3/1	2/28	60
100	Dry Creek	160	C	15	Cattle	3/1	2/28	20
102	Burnt Point	1,120	M	15	Cattle	3/1	2/28	59
103	Milk Ranch Peak	1,652	C	15	Cattle	4/15	9/30	133

Allotment Number	Allotment Name	Public Acres ¹	Mgmt. Status ²	Type Auth. ³	Kind Of Stock	Period Begin Date	Period End Date	Public Aums
104	Wash Burn Cove	628	M	15	Cattle	10/1	4/15	118
106	Western Minerals Rd.	1,540	I	15	Cattle	12/1	5/31	308
107	Cienaga Canyon	1,902	M	15	Cattle	12/1	5/31	380
108	Paso Robles	20	C	15	Horses	1/1	3/31	3
111	Sand Canyon	2,702	I	15	Cattle	3/1	2/28	365
113	Johns Peak	1,040	C	15	Cattle	3/1	2/28	168
114	East Klipstein	90	C	15	Cattle	3/1	9/30	18
115	Power Line Road	215	M	15	Sheep	1/1	5/31	36
116	Devils Gulch	600	M	15	Cattle	12/1	5/31	120
117	Red Mountain	7,317	I	15				327
118	Scobie Meadow	6,890	M	3	Cattle	6/1	10/31	182
119	Bald Eagle Peak	2,400	M	3	Cattle	3/1	2/28	168
120	Spanish Needle Creek	3,160	I	3	Cattle	3/15	6/5	40
123	Canebrake	7,991	M	3	Cattle	1/1	6/30	923
124	Long Valley	17,687	M	3	Cattle	10/1	11/30	226
125	Kennedy Lamont	44,296	M	3	Cattle	7/1	9/30	396
126	Lower Kennedy Table	105	M	15	Cattle	9/15	5/31	30
128	Lwr Hiddenvalley Rch	1,331	M	15	Cattle	12/1	5/31	236
129	Big Sandy	813	M	15	Cattle	12/1	5/31	225
130	Smalley Road	540	M	15	Cattle	11/15	5/15	188
136	Fowler Mountain	280	M	15	Cattle	3/1	2/28	120
149	South Fork Kern River	744	C	3	Cattle	11/1	6/30	19
157	Wheeler Ridge	480	C	15	Cattle	12/1	5/31	144
	Wheeler Ridge		C	15	Cattle	3/1	2/28	0
3464	Franciscan	800	M	15	Cattle	3/1	2/28	168
3655	Wood Canyon ⁴	204	M	15	Cattle	12/1	5/31	5
3718	Buena Vista	311	M	15	Cattle	3/1	2/28	62
3719	Vista Del Mar	165	C	15				10
3720	Klau Mine	12	C	15				3
3750	San Joaquin River Slope	857	M	15	Cattle	12/1	5/31	240
4309	Surprise Arroyo (Portion in Bkfo managed by Hfo)	1,300	I	15	Cattle & Sheep	1/1	4/30	~417
5008	Rudnick Common (Portion in Bkfo managed by Rfo)	7,000	I	3	Cattle	3/1	2/28	~412
								32,275
	Available for application	37,000						5,600
	Estimated potential grazing opportunity ⁵							37,775

¹Acreage figures in this table are approximate and may not correspond with cumulative totals elsewhere in this document.

²C=Continue, M=Moderate, I=Intensive (also see Selective Management Categories in Appendix F-4).

³3=Grazing permits issued on public lands within the grazing districts established under the Taylor Grazing Act; 15=Grazing leases on public lands outside the original grazing district boundaries.

⁴Portion of this allotment lies within the Carrizo Plain National Monument.

⁵Total of authorized AUMs and projected future authorized AUMs, under the assumptions that 75% of acres available for application would be authorized and given a stocking rate of 5 acres/AUM.

Red highlight indicates that livestock grazing use of the allotment was modified by the actions of the Alternative compared to the No Action Alternative. The level that is allowed to continue to be authorized on the allotment is shown in the row.

Livestock Grazing Implementation Levels; Alternative D

Allotment Number	Allotment Name	Public Acres¹	Mgmt. Status²	Type Auth.³	Kind Of Stock	Period Begin Date	Period End Date	Public Aums
15	North Temblor (Portion in BKFO Managed by CPNM)	137	M	15	Cattle	3/1	2/28	30
4309	Surprise Arroyo (~ Portion In BKFO Managed by HFO)	1,300	I	15	Cattle & Sheep	1/1	4/30	~417
5008	Rudnick Common (~ Portion in BKFO Managed by RFO)	7,000	I	3	Cattle	3/1	2/28	~412
								859
	Available for application	0						0
	Estimated potential grazing opportunity ⁴							859

¹Acreage figures in this table are approximate and may not correspond with cumulative totals elsewhere in this document.

²C=Continue, M=Moderate, I=Intensive (also see Selective Management Categories in Appendix F-4).

³3=Grazing permits issued on public lands within the grazing districts established under the Taylor Grazing Act; 15=Grazing leases on public lands outside the original grazing district boundaries.

⁴Total of authorized AUMs and projected future authorized AUMs, under the assumptions that 75% of acres available for application would be authorized and given a stocking rate of 5 acres/AUM.

Livestock Grazing Implementation Levels; Alternative E

Allotment Number	Allotment Name	Public Acres¹	Mgmt. Status²	Type Auth.³	Kind Of Stock	Period Begin Date	Period End Date	Public Aums
2	Oilfield Road	440	M	15	Sheep	12/1	5/31	73
3	Naval Pet Res. I	1,518	M	15	Sheep	12/1	5/31	253
5	Blossom Peak	80	C	15	Cattle	3/1	6/1	7
6	Cuyama 2	480	C	15	Cattle	3/1	2/28	80
7	Freeborn Mt.	1,804	C	15	Cattle	3/1	2/28	254
8	Pleito Hills	3,423	C	15	Cattle	3/1	2/28	1,028
9	Badger Creek	480	C	15	Cattle	4/1	9/30	90
10	Santa Rita	160	C	15	Cattle	3/1	9/15	16
12	Live Oak Pass	280	C	15	Cattle	6/1	9/30	70
13	Temblor Creek	328	M	15	Cattle	3/1	2/28	82
14	Case Mountain	3,903	I	15	Cattle	10/1	5/31	296
15	North Temblor ⁴	34,795	M	15	Cattle	3/1	2/28	7,733
	North Temblor ⁴		M	15	Cattle	12/1	5/31	0
	North Temblor (Portion in BKFO Managed by CPNM)	137	M	15	Cattle	3/1	2/28	30
16	Oil Field	4,270	M	15	Sheep	12/1	5/31	303
17	North Fork River	5,693	M	15	Cattle	3/1	2/28	456
19	Buena Vista Creek	720	M	15	Sheep	12/1	5/31	107
20	Elephant Back	80	C	15	Cattle	3/1	2/28	16
21	Frazer Valley	1,694	M	15	Cattle	12/1	5/31	184
23	Hanning Flat West	739	C	3	Cattle	11/1	5/31	74
24	Bear Creek	405	M	15	Cattle	3/1	2/28	10
27	Bitterwater Valley	80	C	15				12
28	Kettleman Hills	5,216	I	15	Cattle	12/1	5/31	1,304
	Kettleman Hills		I	15	Cattle	3/1	2/28	0
30	West Klipstein	561	C	15	Cattle	3/1	2/28	112
32	Hubbard Hill	3,080	C	15	Cattle	3/1	2/28	418
33	Mankins Creek	476	C	15	Cattle	10/1	6/30	80
34	North Comb Rocks	230	C	15				39
35	Red Hill	160	C	15	Cattle	3/1	2/28	3
36	Horn Mountain	1,517	C	15	Cattle	3/1	2/28	65
37	Raven Pass	40	C	15	Cattle	9/1	5/31	12
38	North Naval Petroleum Res.	2,278	I	15				380
39	Chimineas Ranch South ⁴	4,982	M	15	Cattle	12/1	5/31	730
40	Rio Bravo	401	C	15	Cattle	3/1	2/28	100
41	Derby Acres	530	C	15				151
42	Jack Canyon	33	C	15	Cattle	3/1	2/28	12
45	Goldpan Canyon	470	I	15	Cattle	3/1	2/28	84
47	Rankin Ranch	867	C	15	Cattle	3/1	2/28	144
48	Mountain Creek	264	C	15	Cattle	3/1	2/28	88
49	Loraine	678	I	15	Cattle	3/1	2/28	113
50	Santa Barbara Canyon	1,734	M	15	Cattle	3/1	2/28	118
51	Studhorse Canyon	498	M	3	Cattle	11/1	5/31	100
52	Thompson Ridge	1,250	M	15	Cattle	5/1	7/31	63
54	Willow Spring Canyon	480	M	15	Cattle	3/1	2/28	96
55	South Mountain	186	C	15	Cattle	3/1	2/28	23
56	Round Mountain Road	160	M	15	Cattle	12/1	5/31	27

Allotment Number	Allotment Name	Public Acres ¹	Mgmt. Status ²	Type Auth. ³	Kind Of Stock	Period Begin Date	Period End Date	Public Aums
57	Santiago Creek	2,723	M	15	Cattle	3/1	2/28	545
	Santiago Creek		M	15	Cattle	12/1	5/31	0
58	Anderson Canyon	2,120	C	15	Cattle	3/1	2/28	311
59	Loco Bill Canyon	640	I	15	Cattle	4/1	9/30	82
60	Santa Teresa	1,883	M	15	Cattle	3/1	2/28	400
61	Oak Grove	2,901	I	15	Cattle	4/1	9/30	235
62	Curtis Mountain	40	C	15	Cattle	3/1	2/28	13
63	Chico Martinez	8,602	I	15	Cattle	3/1	2/28	1,671
	Chico Martinez		I	15	Cattle	12/1	5/31	0
64	Cedar Canyon	624	C	15	Cattle	10/15	6/30	139
	Cedar Canyon		C	15	Cattle	12/1	5/31	0
65	Packwood	1,155	M	15	Cattle	12/1	5/31	282
	Packwood		M	15	Cattle	3/1	2/28	0
66	Liveoak Canyon	80	C	15				13
68	San Emigdio	650	C	15	Cattle	3/1	2/28	191
71	Rancheria	194	C	15				49
72	Bluestone Ridge	2,673	M	15	Cattle	12/1	6/30	668
73	Chimineas Ranch North	3,949	M	15	Cattle	12/1	5/31	759
74	Freedom Hill	2,278	I	3	Cattle	3/1	5/15	539
75	Kelso Peak	768	M	3	Cattle	2/1	5/15	154
76	Sacatar Meadow	6,320	C	3	Cattle	9/1	10/31	96
77	Walker Pass West	14,566	I	3	Cattle	1/1	6/30	781
78	Airport	1,671	M	3	Cattle	3/1	5/15	167
79	Fay Canyon	361	C	3	Cattle	3/1	4/30	64
80	Smith Canyon	2,760	M	3				60
81	Nellie's Nipple	3,885	M	3	Cattle	3/15	10/14	528
82	Short Canyon	3,260	I	3	Cattle	2/1	4/30	150
83	Lynch Canyon	510	C	3	Cattle	3/1	4/30	64
84	Cyrus Canyon	2,234	M	3	Cattle	10/1	5/15	225
85	Cooks Peak	2,111	C	3	Cattle	11/1	5/31	217
86	Cholla Canyon	4,572	M	3	Cattle	10/15	6/30	1,825
87	Havilah Basin	4,862	M	3	Cattle	3/1	2/28	356
	Havilah Basin		M	3	Cattle	5/1	9/30	0
88	Sales Creek	40	C	15	Cattle	3/1	2/28	50
89	Bodfish	114	C	3	Cattle & Horses	3/1	9/30	14
90	Wagy Flat	10,138	M	3	Cattle	2/15	4/30	521
91	Sulphur Ridge	506	C	15	Cattle	3/1	2/28	34
93	Eagle's Nest Peak	680	C	15	Cattle	11/1	5/31	182
94	South Comb Rocks	399	C	15	Cattle	10/1	6/30	100
95	Progress Gulch	480	C	15	Cattle	3/1	6/30	80
96	Maricopa ⁴	5,979	I	15	Cattle	12/1	5/31	939
	Maricopa ⁴		I	15	Cattle	3/1	2/28	0
97	Mc Van Oil Field	200	C	15	Cattle	3/1	2/28	34
98	Fresno River	160	C	15	Cattle	5/1	10/31	36
99	Bittercreek Drainage	240	C	15	Cattle	3/1	2/28	60
100	Dry Creek	160	C	15	Cattle	3/1	2/28	20
102	Burnt Point	1,493	M	15	Cattle	3/1	2/28	79

Allotment Number	Allotment Name	Public Acres ¹	Mgmt. Status ²	Type Auth. ³	Kind Of Stock	Period Begin Date	Period End Date	Public Aums
103	Milk Ranch Peak	1,652	C	15	Cattle	4/15	9/30	133
104	Wash Burn Cove	628	M	15	Cattle	10/1	4/15	118
106	Western Minerals Rd.	1,540	I	15	Cattle	12/1	5/31	308
107	Cienaga Canyon	1,902	M	15	Cattle	12/1	5/31	380
108	Paso Robles	20	C	15	Horses	1/1	3/31	3
111	Sand Canyon	2,702	I	15	Cattle	3/1	2/28	365
113	Johns Peak	1,040	C	15	Cattle	3/1	2/28	168
114	East Klipstein	90	C	15	Cattle	3/1	9/30	18
115	Power Line Road	215	M	15	Sheep	1/1	5/31	36
116	Devils Gulch	600	M	15	Cattle	12/1	5/31	120
117	Red Mountain	7,317	I	15				327
118	Scobie Meadow	6,890	M	3	Cattle	6/1	10/31	182
119	Bald Eagle Peak	2,400	M	3	Cattle	3/1	2/28	168
120	Spanish Needle Creek	3,160	I	3	Cattle	3/15	6/5	40
123	Canebrake	8,238	M	3	Cattle	1/1	6/30	952
124	Long Valley	17,687	M	3	Cattle	10/1	11/30	226
125	Kennedy Lamont	44,296	M	3	Cattle	7/1	9/30	396
126	Lower Kennedy Table	105	M	15	Cattle	9/15	5/31	30
128	Lwr Hiddenvalley Rch	1,331	M	15	Cattle	12/1	5/31	236
129	Big Sandy	813	M	15	Cattle	12/1	5/31	225
130	Smalley Road	540	M	15	Cattle	11/15	5/15	188
136	Fowler Mountain	280	M	15	Cattle	3/1	2/28	120
149	South Fork Kern River	744	C	3	Cattle	11/1	6/30	19
157	Wheeler Ridge	480	C	15	Cattle	12/1	5/31	144
	Wheeler Ridge		C	15	Cattle	3/1	2/28	0
3464	Franciscan	800	M	15	Cattle	3/1	2/28	168
3655	Wood Canyon ⁴	204	M	15	Cattle	12/1	5/31	5
3718	Buena Vista	311	M	15	Cattle	3/1	2/28	62
3719	Vista Del Mar	165	C	15				10
3720	Klau Mine	12	C	15				3
3750	San Joaquin River Slope	857	M	15	Cattle	12/1	5/31	240
4309	Surprise Arroyo (~ Portion in BKFO Managed by HFO)	1,300	I	15	Cattle & Sheep	1/1	4/30	~417
5008	Rudnick Common (~ Portion in BKFO Managed by RFO)	7,000	I	3	Cattle	3/1	2/28	~412
								34,388
	Available for application	52,600						7,900
	Estimated potential grazing opportunity ⁵							42,288

¹ Acreage figures in this table are approximate and may not correspond with cumulative totals elsewhere in this document.

² C=Continue, M=Moderate, I=Intensive (also see Selective Management Categories in Appendix F-4).

³ 3=Grazing permits issued on public lands within the grazing districts established under the Taylor Grazing Act; 15=Grazing leases on public lands outside the original grazing district boundaries.

⁴ Portion of this allotment lies within the Carrizo Plain National Monument.

⁵ Total of authorized AUMs and projected future authorized AUMs, under the assumptions that 75% of acres available for application would be authorized and given a stocking rate of 5 acres/AUM.

Red highlight indicates that livestock grazing use of the allotment was modified by the actions of the Alternative compared to the No Action Alternative. The level that is allowed to continue to be authorized on the allotment is shown in the row.